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**ABSTRACT**

An engine tensioning system including tensioner arms and a rotary actuating tensioner capable of driving multiple tensioner arms making multiple chain or belt contacts. The rotary actuating tensioner has connector pins fixed to a rotating surface to which 5 tensioner arms are attached. Rotation of this surface is accomplished through a combination of springs and hydraulic pressure. When the surface rotates, the attached tensioner arms are driven laterally against the engine chain or belt, keeping it taut.